	Number		Search Text	DB	Time stamp	
1	1	0	"Ca.sub."\$6 near12 "Al.sub."\$6 near12	USPAT;	2003/10/02	09:25
			"Si.sub."\$6 near12 "O.sub."\$6 near12	US-PGPUB;		1
i			"N.sub."\$6 same (lanthanide rare adj	EPO; JPO;	1	
1			carth) same divalent	DERWENT;	1	
1.	i			IBM_TDB		1
1.2		0	sialon same (lanthanide rare adj earth)	USPAT;	2003/10/02	09:25
9	1		same divalent same (calcium ca)	US-PGPUB;		
!	1			EPO; JPO;		į
	1			DERWENT;	T	
1 3		0	1/1-1 0-110 /-1 -/ 111 6	IBM TDB	0000 (10 (00	00 07 1
3		U	(calcium Ca) near12 (aluminum Al) near6	USPAT;	2003/10/02	09:27
1	1		(silicon Si) near6 (oxygen O) near6	US-PGPUB;		Ī
1	!		(nitrogen N) same oxynitride same	EPO; JPO;	1	
			(lanthanido rare adj earth) same divalent	DERWENT; IBM TDB		
1_	í	212	Takashi-Yuji.in. Kaga-Koichi.in.	USPAT;	2003/09/29	30.30
			Ota-Koichi.in. Ota-Akihito.in.	US-PGPUB;	2003/09/29	19:10:
1	1		ota-kotchi.in. ota-akinito.in.	EPO; JPO;		
	į			DERWENT;		1
1				IBM TDB	1	1
١_		205	Takashi-Yuji.in. Kaga-Koichi.in.	USPAT;	2003/05/14	12.20
		200	Ota-Koichi.in. Ota-Akihito.in.	EPO; JPO;	2003/03/14	13.33
1	İ		oca Roleniiiii oca Akinico.iii.	DERWENT;	i	
				1BM TDB	1	
VI -		1 .	(Takashi-Yuji.in. Kaga-Koichi.in.	USPAT:	2003/05/15	12.52
ļ		- 1	Ota-Koichi.in. Ota-Akihito.in.) and	EPO; JPO;	7.0037.037.13	12.52
			oxynitride	DERWENT;	9	1
i	1		,	IBM TDB		
		249	oxynitride.bi. and (light lamp).bi. and	USPAT;	2003/05/14	13:44
	1		(fluorescent fluorophor fluoresce phosphor	EPO; JPO;	2005/00/21	13.77
į			phosphorescent phosphor luminoscent	DERWENT;		
			luminophor luminescent cathodoluminophor	IBM TDB		1
	1		cathodoluminescent cathodoluminesce).bi.	-,		İ
-		92	oxynitride.bi. and (light lamp).ti,ab. and	USPAT;	2003/05/14	13:44
!			(fluorescent fluorophor fluoresce phosphor	EPO; JPO;		
			phosphorescent phosphor luminescent	DERWENT;		1
	Ŷ		luminophor luminescent cathodoluminophor	IBM TDB	'	- 0
	4		cathodoluminescent cathodoluminesce).bi.	_	Ť.	1
-	1	2	oxynitride.bi. and (light lamp).ti,ab. and	USPAT;	2003/05/16	15:13
	3.		(fluorescent fluorophor fluoresce phosphor	EPO; JPO;		
1	1		phosphorescent phosphor luminescent	DERWENT;	1	1
			luminophor luminescent cathodoluminophor	! IBM_TDB	1	'
İ	1	-	cathodoluminescent cathodoluminesce).bi.	i	'	
			and ((calcium ca) same (aluminum al) same	1		
į.	- 1		(silicon si) same (oxygen o) same		İ	
	!		(nitrogen n) "Ca-Al-Si-O-N")			
1 -		0	2002033521.URPN.	USPAT	2003/05/14	
-	1	0	2002033521.URPN.	USPAT	1 2003/05/14	
1 -		54	oxynitride.bi. and (light lamp).ti,ab. and		2003/05/16	10:14
			(fluorescent fluorophor fluoresce phosphor	EPO; JPO;	1	
1		,	phosphorescent phosphor luminescent	DERWENT;		1
	1	1	luminophor luminescent cathodoluminophor	IBM_TDB	£	1
1		1	cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and	!	4	1
1	1	i	(rilicon si) and (exugen a) and (nitron		1	1
	1		(silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	1		
1 -		34	oxynitride.bi. and (light lamp).ti,ab. and	USPAT;	2003/05/15	12.22
i	1	34	(fluorescent fluorophor fluoresce phosphor	! EPO; JPO;	2003/03/15	12:23
1	1.	- (phosphorescent phosphor luminoscent	DERWENT;		1
	11		luminophor luminescent cathodoluminophor	IBM TDB	1	
1		!	cathodoluminescent cathodoluminesce).bi.	I LON TOD		
	1	1	and ((calcium ca) and (aluminum al) and		1	
1			(silicon si) and (oxygen o) and (nitrogen	T.		7
	1	į.	n) "Ca-Al-Si-O-N")			-
-	-1				almost speciments of the second	-

	5	(oxynitride.bi. and (light lamp).ti,ab.	USPAT;	2003/05/14 14:06
1	ï	and (fluorescent fluorophor fluoresce	EPO; JPO;	,
ì		phosphor phosphorescent phosphor luminescent luminophor luminescent	DERWENT; IBM TDB	1
	1	cathodoluminophor cathodoluminescent	1 TBM_1 DB	1
	Ī	cathodoluminesce).bi. and ((calcium ca)	I .	'
1		and (aluminum al) and (silicon si) and		
	1	(oxygen o) and (nitrogen n) "Ca-A1-Si-O-N")) and ("Eu2+" "Eu.sup.2+"	1	1
		europium)		
1 ~	1		DERWENT	2003/05/14 14:15
-	. 29	(oxynitride.bi. and (light lamp).ti,ab. and (fluorescent fluorophor fluoresce	USPAT; EPO; JPO;	2003/05/14 14:17
1		phosphor phosphorescent phosphor	DERWENT;	1
i	1	luminescent tuminophor luminescent	IBM_TDB	1
	.I.	cathodoluminophor cathodoluminescent		
1		cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and (silicon si) and	i	
	1	(oxygen o) and (nitrogen n)		'
	1	"Ca-Al-Si-O-N")) not ((oxynitride.bi. and	1	1
I .		(light lamp).ti,ab. and (fluorescent fluorophor fluoresce phosphor		
	1	phosphorescent phosphor luminescent	1	1
1		luminophor luminescent cathodoluminophor		1
	.1.	cathodoluminescent cathodoluminesce).bi. and ((calcium ca) and (aluminum al) and	1	1
	1	(silicon si) and (oxygen o) and (nitrogen	1	
I.	1	n) "Ca-Al-Si-O-N")) and ("Eu2+"		1
	i .	"Eu.sup.2+" europium))		2000 100 121 15 00
10	, 1	2002-271783.NRAN. 2001214162.URPN.	DERWENT	2003/05/14 15:22
_	ĭ	2002-271783.NRAN.	DERWENT	2003/05/14 15:31
j: -	16	(light lamp).ti,ab. and oxynitride.bi.	USPAT;	2003/05/14 16:15
	1	same (fluorescent fluorophor fluoresce	EPO; JPO; DERWENT;	
1	1	phosphor phosphorescent phosphor luminescent luminophor luminescent	IBM TDB	'
1		cathodoluminophor cathodoluminescent	1	, 1
		cathodoluminesce).bi. and ((calcium ca)	T.	1
1	1	and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen n)	1	' i
1	i	"Ca-Al-Si-O-N")	i.	
, -	4	((light lamp).ti,ab. and oxymitride.bi.	USPAT;	2003/05/14 16:15
		same (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor	EPO; JPO; DERWENT;	1
1	1	luminescent luminophor luminescent	IBM TDB	1
1	1	cathodoluminophor cathodoluminescent	_	
	1	!cathodoluminesce).bi. and ((calcium ca) , and (aluminum al) and (silicon si) and	1	;
	Tr.	(oxygen o) and (nitrogen n)	1	i i
T		"Ca-Al-Si-O-N")) not ((oxynitride.bi. and	1	
Ť	1	(light lamp).ti,ab. and (fluorescent		1
1	1	fluorophor fluorescc phosphor , phosphorescent phosphor luminescent	1	
-	1	luminophor luminescent cathodoluminophor	1	î l
1		cathodoluminescent cathodoluminesce).bi.	1	i I
1	1	and ((calcium ca) and (aluminum al) and (silicon si) and (oxygen o) and (nitrogen	4	
:	1	n) "Ca-Al-Si-O-N")) not ((oxymitride.bi.	1	
		and (light lamp).ti,ab. and (fluorescent	1	
1		fluorophor fluoresce phosphor		1
1	1	'phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor	1	T T
Ŷ	T	cathodoluminescent cathodoluminesce).bi.	i	
'	1	and ((calcium ca) and (aluminum al) and		1
Î	1	(silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")) and ("Eu2+"	1	Ĭ
1		("Eu.sup.2+" europium)))	1	
₁ -	1	6416888.pn. and oxynitride	USPAT	2003/05/14 16:16
	1	6416888.pn.	DERWENT DERWENT	2003/05/14 16:21 2003/05/14 16:29
-	8906	2000-558233.NRAN. family	DERWENT	2003/05/14 16:26
T		0.00.0000000000000000000000000000000000		

1 =		1	6416888.pn.	USPAT	2003/05/14 16:27
-	1	4	("5294810" "5349209" "5981092"	USPAT	2003/05/14 16:26
			"6180217").PN.	1	
-		2	(US-20020155319-\$).did. or	. US-PGPUB;	2003/05/14 16:27
1		_	(JP-2000306681-\$ or JP-2000235893-\$ or	EPO	1
	1		WO-200048431-\$ or US-6416888-\$ or		. !
i			. KR-2001042727-\$ or CN-1294834-\$ or	1	
	1			!	
ī	,		EP-1083776-\$).did.		000010510105071
-		0	((US-20020155319-\$).did. or	DERWENT	2003/05/14 16:27
1			(JP-2000306681-\$ or JP-2000235893-\$ or	'	1
			WO-200048431-\$ or US-6416888-\$ or		
			'KR-2001042727-\$ or CN-1294834-\$ or	1	1
			EP-1083776-\$).did.) and oxynitride		
	- 1	1	2002155319.did.	DERWENT	2003/05/14 16:29
			. 2002155319.did.	US-PGPUB	2003/05/14 16:29
_	i	n	"2002155319"	US-PGPUB	2003/05/14 16:29
L.		ň	. (("5294810" "5349209" "5981092"	USPAT	2003/05/14 16:32
	1		"6180217").PN.) and oxynitride	001111	1000,00,11
i					2003/05/14 16:40
_	ĭ	1	6416888.pn. and oxynitride	USPAT;	2003/03/14 10.40
			`	DERWENT	1
-		0	silocon adj oxynitride with siloxane	USPAT	2003/05/14 16:41
-		32	silicon adj oxynitride with siloxane	USPAT	2003/05/14 17:15 i
8 -		0	"2001214162"	USPAT	2003/05/14 17:16
	-	1	"2001214162"	JPO	2003/05/14 17:16 [
-		0	2001214162.URPN.	USPAT	2003/05/14 17:16
_	- 1	3	oxy adj nitride.bi. and (light	USPAT;	2003/05/14 18:08
1		,	lamp).ti,ab. and (fluorescent fluorophor	EPO; JPO;	2005/05/14 10.00
				DERWENT;	1 :
	Į.		fluoresce phosphor phosphorescent phosphor		
			luminescent luminophor luminescent	IBM_TDB	
	- 1		cathodoluminophor cathodoluminescent	l .	'
T.			cathodoluminesce).bi. and ((calcium ca)	1	
	1		and (aluminum al) and (silicon si) and		i i
			(oxygen o) and (nitrogen n)		
1			"Ca-Al-Si-O-N")		
_	1	3	oxy adj nitride.bi. and (light	USPAT:	2003/05/14 18:09
i		-	lamp).ti,ab. and (fluorescent fluorophor	EPO; JPO;	1 2003. 00. 21. 20.00
'	1				
			fluoresce phosphor phosphorescent phosphor	DERWENT;	i l
	1		luminescent luminophor luminescent	TBM_TDB	1
			cathodoluminophor cathodoluminescent		The state of the s
1			cathodoluminesce).bi. and ((calcium ca)	1	
			and (aluminum al) and (silicon si) and		1
1	1		(oxygen o) and (nitrogen n)	l .	
			"Ca-A1-Si-O-N")		1 1
1 _	1	1	oxynitride.bi. and (light lamp).ti,ab. and	USPAT;	2003/05/14 18:16
		-	(fluorescent fluorophor fluoresce phosphor	EPO; JPO;	
	1		phosphorescent phosphor luminescent	DERWENT;	
					i i
1	1		luminophor luminescent cathodoluminophor	IBM_TDB	
			cathodoluminescent cathodoluminesce).bi.		1
1			and ("calcium-aluminum-Si-O-N"	I .	
			"Ca-Al-Si-O-N")		1
1	1	2547865	SHOWA DENKO KK.as.	USPAT;	2003/05/14 18:17
	101			EPO; JPO;	I i
1	Ţ		1	DERWENT;	
				IBM TDB	1
-	- 1	20562	SHOWA-DENKO-KK.as.	USPĀT;	2003/05/14 18:17
1	1	20002	OHOMA DENNO KK. GS.		2003/03/14 20.17
1	1			EPO; JPO; DERWENT;	
	9				and the second s
				IBM TDB	
_	1	2	SHOWA-DENKO-KK.as. and oxynitride	USPAT;	2003/05/14 18:17
				EPO; JPO;	
Ŷ	1			DERWENT;	1
1				IBM TDB	
1 -	j	2	SHOWA-DENKO-KK.as. and oxynitride	USPAT:	2003/05/14 18:17 :
1		2	, siloni sinilo sarrosi dia onjinterrae	EPO; JPO;	
i	ï		1	DERWENT;	i i
1	,				1
1	- 1	. 1	coccoci	IBM_TDB	
		1	6066861.pn.	USPAT	2003/05/15 11:22
1 -	1	1 1		USPAT	2003/05/15 11:35
į –		1 '	6066861.pn. and (powder)	USPAT	2003/05/15 12:27
	- '-				

	\neg	1 1	oxynitride.bi. and (light lamp).ti,ab. and	USPAT;	2003/05/15	12:24
	1		(fluophor).bi. and ((calcium ca) and	EPO; JPO;	1	
	1		(aluminum al) and (silicon si) and (oxygen o) and (nitrogen n) "Ca-Al-Si-O-N")	IBM TDB	Î	1
-	,	1	6066861.pn. and (mix\$5)	USPAT	. 2003/05/15	15:08
-	1		,6066861.pn. and (glass\$6 silica)	USPAT	2003/05/15	
-	Y	2	(Takashi-Yuji.in. Kaga-Koichi.in.	US-PGPUB	2003/05/15	12:53
	1		Ota-Koichi in Ota-Akihito in) and		1	
_	i	1	oxynitride ((Takashi-Yuji.in. Kaga-Koichi.in.	US-PGPUB	. 2003/05/15	12.42
		1	Ota-Koichi.in. Ota-Akihito.in.) and	- US-FGFUB	2003/03/13	13.92
	1		oxynitride) and glass	1		1
-		1	6066861.pn. and (layer).clm.	USPAT	2003/05/15	
-	1.50	1	((Takashi-Yuji.in. Kaga-Koichi.in.	US-PGPUB	2003/05/15	13:43
			Ota-Koichi.in. Ota-Akihito.in.) and	Į.	i	
	1	4.7	oxynitride) and part ((Takashi-Yuji.in. Kaga-Koichi.in.	LUC DODUD	2003/05/15	12.45
		1	Ota-Koichi.in. Ota-Akihito.in.) and	US-PGPUB	2003/03/13	13:43
			oxynitride) and part same lead adj frame		T .	
-		1	((Takashi-Yuji.in. Kaga-Koichi.in.	US-PGPUB	2003/05/15	13:49
	1		Ota-Koichi.in. Ota-Akihito.in.) and	1	:	1
	1		oxynitride) and sealing adj resin same	1	!	,
	ı	0	fluorescent	ue poeup	1 0000 /05 /15	12.10
_	1	1	5998925.pn. 5998925.pn.	US-PGPUB USPAT	2003/05/15	
_			5998925.pn. and substrate	USPAT	2003/05/15	
_	1	18	6066861.URPN.	USPAT	2003/05/15	
-	1		6066861.pn. and (white)	USPAT	2003/05/15	15:37
-	1	0	((Takashi-Yuji.in. Kaga-Koichi.in.	USPAT	2003/05/15	15:38
	'		Ota-Koichi.in. Ota-Akihito.in.) and	1		Î
	1		oxynitride) and reflection adj plate same fluorescent		i	
_		0	((Takashi-Yuji.in. Kaga-Koichi.in.	USPAT	2003/05/15	15:39.
			Ota-Koichi.in. Ota-Akihito.in.) and	002111	2000,00,20	20.00
	, l		oxynitride) and reflection adj plate	i i]	
-		0	((Takashi-Yuji.in. Kaga-Koichi.in.	USPAT	2003/05/15	15:39
	1		Ota-Koichi.in. Ota-Akihito.in.) and		1	
_		1	oxynitride) and reflection with plate ((Takashi-Yuji.in. Kaga-Koichi.in.	US-PGPUB	2003/05/15	15.40
	1	_	Ota-Koichi.in. Ota-Akihito.in.) and	05-10105	2003/03/13	15.40
	i i		oxynitride) and reflection with plate	1	1	į
-		1	((Takashi-Yuji.in. Kaga-Koichi.in.	US-PGPUB	2003/05/15	15:40
	1		Ota-Koichi.in. Ota-Akihito.in.) and	1		1
			oxynitride) and reflection adj plate same		V	
_	Į.	18	fluorescent (US-6501102-\$ or US-6501100-\$ or	USPAT	2003/05/15	15-44
			US-6469321-\$ or US-6466135-\$ or	ODIAL	7.003703713	13.44
	ļ		US-6255670-\$ or US-6245259-\$ or	L.	1	1
			US-6429583-\$ or US-6409938-\$ or			ĺ
			US-6376902-\$ or US-6351069-\$ or	1	Î	
			US-6319425-\$ or US-6294800-\$ or	1		1
			US-6538371-\$ or US-6522065-\$ or US-6521915-\$ or US-6518600-\$ or		1	
	Ţ		US-6541800-\$ or US-6555958-\$).did.	I.		İ
-		7	((US-6501102-\$ or US-6501100-\$ or	USPAT	12003/05/15	17:25
			US-6469321-\$ or US-6466135-\$ or	1		
	1		US-6255670-\$ or US-6245259-\$ or		ļ	1
			US-6429583-\$ or US-6409938-\$ or	1		1
	1		US-6376902-\$ or US-6351069-\$ or US-6319425-\$ or US-6294800-\$ or		Î	
	ř		US-6538371-\$ or US-6522065-\$ or	1	i	1
			US-6521915-\$ or US-6518600-\$ or	1	0	1
	1		US-6541800-\$ or US-6555958-\$).did.) and		1	-
	1		substrate.bi.	İ	•	1
-	1	1	6521915.pn.	DERWENT	2003/05/15	
-	1	1.	2002-181833,NRAN.	DERWENT	12003/05/15	15:53
_			6521915.pn. and nm 6521915.pn. and phopshor same (diameter	USPAT	2003/05/15	16:20
	1	0	size)	, 002111	12003/03/13	10.20
-	1	0	6521915.pn. and phopshor same (shape)	USPAT	2003/05/15	
-	·	1	6521915.pn. and transparent adj resin	USPAT	2003/05/15	
	_					

2 -	T	1,6521915.pn. and cup	USPAT	2003/05/15 16:29
-	1	1 5998925.pn. and substrate	USPAT	2003/05/15 18:14
~		0 5998925.pn. and powder same resin	USPAT	, 2003/05/15 18:14
-	1	0,5998925.pn. and powder	USPAT	2003/05/15 18:15
~		34 5998925.URPN.	USPAT	2003/05/15 18:19
-		13 (light lamp).ti,ab. and (fluorescent	USPAT;	2003/05/16 12:49
	1	fluorophor fluoresce phosphor	EPO; JPO;	
		phosphorescent phosphor luminescent	DERWENT:	1
		luminophor luminescent cathodoluminophor	IBM TDB	4
		cathodoluminescent cathodoluminesce).bi.		
	1	and ((calcium ca) same (aluminum al) same		
		(silicon si) same (oxygen o) same		1
		(nitrogen n) "calcium-aluminum-Si-O-N"	1	
		"Ca-Al-si-O-N")		
_	1	13 (light lamp) ti,ab, and (fluorescent	USPAT;	2003/05/16 12:26
		fluorophor fluoresce phosphor	EPO; JPO;	1 2003/03/10 12:20
	į	phosphorescent phosphor luminescent	DERWENT;	
		luminophor luminescent cathodoluminophor		1
			1BM_TDB	1
	1	, cathodoluminescent cathodoluminesce		1
		fluophor) bi. and ((calcium ca) same (aluminum al) same (silicon si) same	t .	4
		(oxygen o) same (nitrogen n)	i	' i
		"calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")		
-		13 (light lamp) ti,ab. and (fluorescent	USPAT:	12003/05/16 10:23
		fluorophor fluoresce phosphor	EPO; JPO;	
	1	phosphorescent phosphor luminescent	DERWENT;	¥
		luminophor luminescent cathodoluminophor	IBM_TDB	
		cathodoluminescent cathodoluminesce		i
		fluophor).bi. and ((calcium ca) same	1	, if
		(aluminum al) same (silicon si) same	4	1 .
	1	(oxygen o) same (nitrogen n)	1	1
		"calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N")		The second secon
-	1	2 ((light lamp).ti,ab. and (fluorescent	USPAT;	2003/05/16 10:24
		fluorophor fluoresce phosphor	EPO; JPO;	
	1	phosphorescent phosphor luminescent	DERWENT;	1
		luminophor luminescent cathodoluminophor	IBM_TDB	
		cathodoluminescent cathodoluminesce	i i	1
		fluophor).bi. and ((calcium ca) same		
	1	(aluminum al) same (silicon si) same	1	1
		(oxygen o) same (nitrogen n)		
	,	"calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N"))	i	
	1	and ("Eu2+" "Eu.sup.2+" europium)		4
-		<pre>1 ((light lamp).ti,ab. and (fluorescent</pre>	USPAT;	2003/05/16 10:24
	1	fluorophor fluoresce phosphor	EPO; JPO;	1
	1	phosphorescent phosphor luminescent	DERWENT;	1
		luminophor luminescent cathodoluminophor	IBM_TDB	1
	1	cathodoluminescent cathodoluminesce		4 1
	1	fluophor).bi. and ((calcium ca) same	Î.	1
	'	(aluminum al) same (silicon si) same		. 1
	Ī	(oxygen o) same (nitrogen n)	1	
		"calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N"))		1
	1	and diode.bi.		4
-	1	8 ((light lamp).ti,ab. and (fluorescent	USPAT:	2003/05/16 10:25
		fluorophor fluoresce phosphor	EPO; JPO;	
	!	phosphorescent phosphor luminescent	DERWENT;	
	1	luminophor luminescent cathodoluminophor	IBM TDB	1
		cathodoluminescent cathodoluminesce	1	1
		fluophor).bi. and ((calcium ca) same	1	
		, (aluminum al) same (silicon si) same		To a second
		(oxygen o) same (nitrogen n)	1	
	1	"calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N"))	i	
		, and mix\$6.bi.		i i
-				

1 - 7 -		4	((light lamp).ti,ab. and (fluorescent	USPAT;	2003/05/16 10	: 32
ė.	1	- 1	fluorophor fluoresce phosphor	EPO; JPO;	'	
1	4.	- 1	phosphorescent phosphor luminescent	DERWENT;		- 1
1			luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce	IBM_TDB		
1	1		fluophor).bi. and ((calcium ca) same	î.	1	1
1	1		(aluminum al) same (silicon si) same		1	
1	1	- 1	(oxygen o) same (nitrogen n)	I.	1	
			"calcium-aluminum-Si-O-N" "Ca-Al-Si-O-N"))			
1	. I.		and mix\$6.bi. same light.bi. 6340824.pn.	USPAT;	12003/05/16 10	. 22
1	1	1	6340624.pm.	EPO; JPO;	1 2003/03/16 10	.33
				IBM TUB	ï	
1 _	1	0	6340824.pn. and mixed with phosphor	USPAT;	2003/05/16 10	:34
1	1	1		EPO; JPO;	i	
		0	6340824.pn. and mix\$5 with phosphor	IBM_TDB .USPAT;	1 2003/05/16 10	. 24 i
1		0 1	0340024.pm. and mixvo with phosphol	EPO; JPO;	12003/03/10 10	. 54 1
1	1	1		IBM TDB		1
j -	1	1 1	6340824.pn. and mix\$5	USPAT;	2003/05/16 10	:37
,	1			EPO; JPO;	1	ļ
1_		0	6340824.pn. and (particles phosphor	IBM_TDB USPAT;	2003/05/16 10	- 39
1		٠,١	diameter radius granule)	EPO; JPO;	. 2003/03/10 10	. 50 1
	1	- 1	***************************************	IBM TDB	1	ļ.
1 -	1	0	6340824.pn. and fluorescent adj materjal	USPĀT;	2003/05/16 10	:39
		1	with size	EPO; JPO;		į.
!	1	1 1	6340824.pn. and fluorescent adj material	IBM_TDB USPAT;	12003/05/16 10	.431
1	1	_	0340024.pm. and fractescent adj material	EPO; JPO;	(2003/03/10 (0	.43
	Y	,		IBM TDB	i	- 1
-		1 1	6340824.pn. and fluorescent adj material	USPAT;	2003/05/16 10	:53
i			same resin	EPO; JPO;	1	,
1 -		0	6340824.pn. and "990" same InGaN	IBM TDB USPĀT;	2003/05/16 10	-54
	1	,	ostosziipin ana sso same zinan	EPO; JPO;	, 2000, 00, 20 10	
1	1	!		IBM TDB	1	
17		1	6340824.pn. and Light adj emitting adj	USPAT;	2003/05/16 11	:08
	!	!	element same InGaN	EPO; JPO; IBM TDB	ļ	
_	1	1	6340824.pn. and prevent same external same		2003/05/16 11	:11
į.	1		leak\$4	EPO; JPO;	1	1
J.	1	1		IBM_TDB		. 1
1 -	1	1	6066861.pn.	USPAT;	2003/05/16 11	:24
1	1.			EPO; JPO;	î	- 1
1 -	1	18	6066861.URPN.	USPĀT	T 2003/05/16 11	:11
-		4	("3652956" "5959316" "6066861"	USPAT	2003/05/16 11	
		00 1	"6319425").PN.	Lucasa	1	
1 =	i	20	5959316.URPN. 6066861.pn.	USPAT;	2003/05/16 11 2003/05/16 11	
1	1		000002.pm	EPO; JPO;	1 2003/03/10 11	. Z / L
1	1			IBM TDB		ï
-	1	18	6066861.URPN.	USPAT	2003/05/16 11	
1 -	1	605	((313/503) or (313/502)).CCLS.	USPAT	12003/05/16 16	
1	1		(313/502).CCLS. 6521915.pn.	USPAT USPAT;	2003/05/16 11 2003/05/16 12	
Į.	1	- 1	00.1313.p	US-PGPUB;	2003/03/10 12	
J.		- 1		EPO; JPO;	1	1
	1	- 1		DERWENT;		1
1	1	cen I	(257/98).CCLS.	IBM_TDB	0002/05/16 10	00.
1 -	1		((257/98).CCLS.) and (fluorescent	USPAT;	2003/05/16 12 2003/05/16 12	
1	1	13	fluorophor fluoresce phosphor	EPO; JPO;	1 2003/03/10 12	. 20 [
1	1		phosphorescent phosphor luminescent	DERWENT;		1
I .		Ì	luminophor luminescent cathodoluminophor	IBM_TDB	1	
I	1	- 1	cathodoluminescent cathodoluminesce fluophor).bi. and substrate and cup	I .	1	1
	L _	_	radophory.pr. and substrate and cup		1 -1	- 2

					70007 (05 (15 10 1	~
	1	11	((257/98).CCLS.) and (fluorescent fluorophor fluoresce phosphor	USPAT; EPO; JPO;	2003/05/16 12:3	۷,
1	1		phosphorescent phosphor luminescent	DERWENT;		1
	1		luminophor luminescent cathodoluminophor	IBM TDB	1	- 1
			cathodoluminescent cathodoluminesce		1	
1			fluophor).bi. and substrate and cup and	i		
	1		(mix\$4 blend\$4)			
-	'	10	((257/98).CCLS.) and (fluorescent	USPAT;	2003/05/16 12:4	8 ;
	1		fluorophor fluoresce phosphor	EPO; JPO;	1	i
l			phosphorescent phosphor luminescent	DERWENT;		
	1		luminophor luminescent cathodoluminophor	TBM_TDB		i
!	- 1		cathodoluminescent cathodoluminesce		1	
i			fluophor).bi. and substrate and cup and [(mix\$4 blend\$4) same light			-1
	. 1		reflect\$5 with (light adj emitting adj	USPAT;	2003/05/16 12:5	ا ہ
!	_		device) and (fluorescent fluorophor	EPO; JPO;	1	
1	1		fluoresce phosphor phosphorescent phosphor		i .	
			luminescent luminophor luminescent	IBM TDB		- 1
1	ı		cathodoluminophor cathodoluminescent			
i	9		cathodoluminesce).bi.	i.		
	' 7	34	reflect\$5 with (light adj emitting adj	USPAT;	2003/05/16 12:5	2 i
l .	T T		(diode device)) and (fluorescent	EPO; JPO;		
			fluorophor fluoresce phosphor	DERWENT; [IBM TDB		
1	I.		phosphorescent phosphor luminescent luminophor luminescent cathodoluminophor	I BM_LDB	1	- 1
			cathodoluminescent cathodoluminesce).bi.			
· _	į.	65	reflect\$5 with (light ad) emitting adj	USPAT;	12003/05/16 12:5	3 1
	1		(diode device)) and (fluorescent	i EPO; JPO;	10000,007.00	٠.
			fluorophor fluoresce phosphor	DERWENT;	1	,
	1		phosphorescent phosphor luminescent	IBM TDB		ı
ļ.			luminophor luminescent cathodoluminophor	-	T.	
	!		cathodoluminescent cathodoluminesce) adj2	i	•	
I	1		layer.bi.		1	. '
	1	15	reflect\$5 with (light adj emitting adj	USPAT;	2003/05/16 13:0	0 -
	1		(diode device)) and (fluorescent	EPO; JPO; DERWENT;	1	J
			fluorophor fluoresce phosphor phosphorescent phosphor luminescent	IBM TDB	1	1
	i		luminophor luminescent cathodoluminophor	· IBM_IDB		ĺ
1			cathodoluminescent cathodoluminesce) adj2	1	1	
	1	- 1	layer.bi. and (mix\$5 blend\$5) with light		Î.	
` -	1	5 .	Mirror\$5 with (light adj emitting adj	USPAT;	2003/05/16 13:0	1
	1		(diode device)) and (fluorescent	EPO; JPO;	1	
		1	fluorophor fluoresce phosphor	DERWENT;		- 1
	1		phosphorescent phosphor luminescent	IBM_TDB	i .	!
	1		luminophor luminescent cathodoluminophor	I	1	- !
	1	- 1	cathodoluminescent cathodoluminesce) adj2	1		
l	1	15 1	layer.bi. and (mix\$5 blend\$5) with light (Mirror\$5 reflect\$5) with (light adj	USPAT;	2003/05/16 13:0	2
	1		emitting adj (diode device)) and	EPO; JPO;	2003/03/10 15.0	٠,
		-	(fluorescent fluorophor fluoresce phosphor	DERWENT;	1	- 1
	1	- 1	phosphorescent phosphor luminescent	IBM TDB	1	- {
	1	-	luminophor luminescent cathodoluminophor	-		- 1
			cathodoluminescent cathodoluminesce) adj2	1	1	- !
		!	layer.bi. and (mix\$5 blend\$5) with light	1	1	i
-	1	35 j	(Mirror\$5 reflect\$5) same (light adj	USPAT;	2003/05/16 13:0	7
			emitting adj (diode device)) and	EPO; JPO;	r .	J.
	1	3	(fluorescent fluorophor fluoresce phosphor			
	1	i	phosphorescent phosphor luminescent	IBM_TDB		
	1		luminophor luminescent cathodoluminophor cathodoluminescent cathodoluminesce) adj2			1
			layer.bi. and (mix\$5 blend\$5) with light		1	- 1
_	1	3 !	(light adj guide) same (light adj emitting	USPAT;	2003/05/16 13:0	8 :
	1	- 1	adj (diode device)) and (fluorescent	EPO; JPO;		1
			fluorophor fluoresce phosphor	DERWENT;		- 1
	,	İ	phosphorescent phosphor luminescent	IBM_TDB	T.	i
	1	i	luminophor luminescent cathodoluminophor			- 1
	1		cathodoluminescent cathodoluminesce) adj2	1	l .	- į
			layer.bi. and (mix\$5 blend\$5) with light			

		12	(light adj guide) and (light adj emitting	USPAT;	2003/05/16	13:09
			adj (diode unit device)) and (fluorescent	EPO; JPO;		
	1		fluorophor fluoresce phosphor	DERWENT:		
			phosphorescent phosphor luminescent	IBM TDB		,
	1			100-100	1	
	- 1		luminophor luminescent cathodoluminophor			1
		1	cathodoluminescent cathodoluminesce) adj2	i.	İ	i
	i		layer.bi. and (mix\$5 blend\$5) with light		1	
-		121	(light adj guide) and (light adj emitting	USPAT;	2003/05/16	13:33
			adj (diode unit device)) and (fluorescent	EPO; JPO;	1	
		1				1
		,	fluorophor fluoresce phosphor	DERWENT;		1
		1	phosphorescent phosphor luminescent	IBM_TDB	1	
		ļ	luminophor luminescent cathodoluminophor		i	7
	- 1		cathodoluminescent cathodoluminesce			-
	1	i	fluophor) adj2 layer.bi. and (mix\$5	I .	1	
	i		blend\$5) with light			
-		1 i	(JP-2002076434-\$).did.	DERWENT	2003/05/16	
-		0 '	((JP-2002076434-\$).did.) and	USPAT;	1 2003/05/16	13:28
	1		intermittently	EPO; JPO;	1	1
				DERWENT;	i	
	- 1				1	
		1		IBM_TDB		
-	1	0 '	((JP-2002076434-\$).did.) and adjust with	USPAT;	2003/05/16	13:28
		1	color	EPO; JPO;	1	
	1			DERWENT;		
	!			IBM TDB		!
		, 1	"20020043926"	US-PGPUB	2003/05/16	12.21
-	- 1	1				
-		1 1	"20020043926" and intermittently	US-PGPUB	2003/05/16	
-		1 !	"20020043926" and intermittently	US-PGPUB	2003/05/16	13:32 ;
_		0	(intermitt\$5 rectifier pulse) and (light	USPAT;	1 2003/05/16	13:50
		, i	adj emitting adj (diode unit device)) and	EPO; JPO;		
	1	,	(fluorescent fluorophor fluoresce phosphor	DERWENT;	1	1
	1	4	phosphorescent phosphor luminescent	IBM_TDB		1
			luminophor luminescent cathodoluminophor			
			cathodoluminescent cathodoluminesce	1	!	
	1	,	fluophor) adj2 layer.bi. and (mix\$5	1		1
			blend\$5) with light	1	1	- 1
				() () Dam		4.03
-	- 1	51	(intermittently intermittent rectifier	USPAT;	2003/05/16	14:27
			pulse) and (light adj emitting adj (diode	EPO; JPO;	4	
		i	unit device)) and (fluorescent fluorophor	DERWENT;		
	- 1	,	fluoresce phosphor phosphorescent phosphor	IBM TOB	1	
		7	luminescent luminophor luminescent		7	
	- 1				A.	1
			cathodoluminophor cathodoluminescent	1		1
	I.		cathodoluminesce fluophor) adj2 layer.bi.	ļ.	1	
			and (mix\$3 blend\$3) with light	1		1
-	į.	173 !	(light adj emitting adj (diode unit	USPAT;	. 2003/05/16 .	13:54
			device)) and (fluorescent fluorophor	EPO; JPO;		
	- 1	1	fluoresce phosphor phosphorescent phosphor	DERWENT;		- 1
					l	
	İ	Ţ	luminescent luminophor luminescent	IBM_TDB		1
			cathodoluminophor cathodoluminescent			
	1	1	cathodoluminesce fluophor) adj2 layer.bi.	1	1	
			and (mix\$3 blend\$3) with light	i	1	
-	1	173 -	(light adj emitting adj (diode unit	USPAT;	2003/05/16	13:55
		1.5	device)) and (fluorescent fluorophor	EPO; JPO;	1 = 2007,007,10	
	1					,
		1	fluoresce phosphor phosphorescent phosphor		1	1
	1		luminescent luminophor luminescent	, IBM_TDB		
			cathodoluminophor cathodoluminescent	_	1	1
		1	cathodoluminesce fluophor) adj2 layer.bi.	1		
		,	and (mix\$3 blend\$3) with light	1	i	
		6.1		i nonam.	2003/05/16	14.07
-		21	((light adj emitting adj (diode unit	USPAT;	2003/05/16	14:27
	ì		device)) and (fluorescent fluorophor	EPO; JPO;	î.	1
		1	fluoresce phosphor phosphorescent phosphor	DERWENT;		
	1		luminoscent luminophor luminescent	IBM TDB	1	ļ
	- 1	1	cathodoluminophor cathodoluminescent	1,		
	1				1	1
	1	i	cathodoluminesce fluophor) adj2 layer.bi.	i		· ·
	1		and (mix\$3 blend\$3) with light) and	1		
		i	(intermittently intermittent rectifier		1	Į.
	1		pulse)	1		

i				
			IBM TDB	
I		adj emitting adj unit).ti.	DERWENT;	Ť
1 -	1 .	(Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.) and (light	USPAT; EPO; JPO;	2003/09/26 04:11
:		Long to be a series of the ser	IBM_TDB	. 0000 (00 (05 04 11
I	1	adj emitting adj unit.ti.	DERWENT;	1
1	1	Ota-Koichi.in. Ota-Akihito.in.) and light	EPO; JPO;	; 2003/03/20 04:11
	'	(Takahashi-Yuji.in. Kaga-Koichi.in.	IBM TOB	2003/09/26 04:11
		oxynitride	DERWENT;	1
1		Ota-Koichi.in. Ota-Akihito.in.) and	EPO; JPO;	Y
	. 2	(Takahashi-Yuji.in. Kaga-Koichi.in.	USPAT;	12003/09/26 04:21
i			IBM TDB	
i	1	Ota-Koichi.in. Ota-Akihito.in.	EPO; JPO; DERWENT;	
-	1357		USPAT;	2003/09/26 04:24
I.	1	1	IBM_TDB	1
İ	1	oxynitride	DERWENT;	1
I C		Ota-Koichi.in. Ota-Akihito.in.) and	EPO; JPO;	2003/09/20 04:10
1 -	1 1	(Takashi-Yuji.in. Kaga-Koichi.in.	USPĀT;	2003/09/26 04:10
i	4		DERWENT;	
1	1		EPO; JPO;	1
-	1 2	endo-tadashi.in. and oxynitride	USPAT;	2003/05/16 17:11
i	1		IBM TDB	
			DERWENT;	
i	1 17.	endo-tadasmi.m.	EPO; JPO;	2003/03/16 17:10
:	, 177	endo-tadashi.in.	IBM_TDB USPAT;	2003/05/16 17:10
1	1		DERWENT;	1
1	1		EPO; JPO;	
	1	not ((313/507).CCLS.)	US-PGPUB;	î
! -	370		USPAT;	2003/09/30 14:37
_		(313/502).CCLS.	USPAT	2003/05/16 16:58
_		(313/507).CCLS.	USPAT	2003/05/16 16:57
i -	180	(313/507).CCLS.	IBM TDB	2003/05/16 16:50
1.			DERWENT;	ì
i	Ï		EPO; JPO;	
			US-PGPUB;	
-	191	(313/507),CCLs.	USPAT;	2003/05/16 16:50
		"6255670" "6273589" "6294800").PN.	OSLAI	2000/00/10 10:00
1	1 4	5 ("5959316" "6133589" "6252254"	USPAT	2003/05/16 15:33
_	. 2/	'"6319425").PN. 5959316.URPN.	USPAT	2003/05/16 15:33
1 -	1 4	("3652956" "5959316" "6066861" "6319425").PN.	USPAT	2003/05/16 15:33
a=] 8	6066861.URPN.	USPAT	2003/05/16 15:32
1 -	1 1	6521915.pn.	USPAT	2003/05/16 15:23
· -	1		USPAT	2003/05/16 15:23
ļ	1	Ĩ.	IBM TDB	
			DERWENT;	1
1	т 2	6066861.pn.	USPAT; EPO; JPO;	2003/05/16 15:13
	'	adjustment)	HODE	1 0000 105 116 11 13
ï		. pulsed pulsing) with (adjust adjusting		
	Į.	and (mix\$3 blend\$3) with light) and (pulse	ļ.	
1		cathodoluminesce fluophor) adj2 layer.bi.		T i
	1	cathodoluminophor cathodoluminescent	1001_100	
Į.		luminescent luminophor luminescent	TBM TDB	1
	l	(device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor	EPO; JPO; DERWENT;	1
į -	4	((light adj cmitting adj (diode unit	USPAT;	2003/05/16 14:28
		(intermittently intermittent rectifier)	1	**************************************
ı		and (mix\$3 blend\$3) with light) and		
	1	cathodoluminesce fluophor) adj2 layer.bi.	1	
i		cathodoluminophor cathodoluminescent	1 100 100	i i
	T	luminescent luminophor luminescent	IBM TDB	
İ	1	device)) and (fluorescent fluorophor fluoresce phosphor phosphorescent phosphor	EPO; JPO; DERWENT;	4
-	10	((light adj emitting adj (diode unit	USPAT;	2003/05/16 14:07
		A CONTRACTOR OF THE CONTRACTOR	- Winnam	1 2003 705 415 24 03

1		9637 Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akhhito.in.	USPAT; EPO; JPO;	12003709/26 04:34
	1	Toyoda-gosei-co-ltd.as.	DERWENT; IBM TDB	1
! _	i	2 (Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.	USPAT; EPO; JPO;	2003/09/26 04:34
.!	i	Toyoda-gosei-co-ltd.as.) and oxynitride	DERWENT; IBM TDB	1
1-	Ť	((Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in. Toyoda-qosei-co-ltd.as.) and oxynitride)	USPAT; F.PO; JPO; DERWENT;	2003/09/26 04:33
1	į	j and Ca near6 Al near6 Si 9/52 Takahashi-Yuji.in. Kaga-Koichi.in.	IBM_TDB USPAT;	2003/09/26 04:34
1	ì	Ota-Koichi.in. Ota-Akihito.in. Toyoda-gosei-co-ltd.as.	US-PGPUB; EPO; JPO;	
į.	ļ	!	DERWENT;	1
-	1	2 ((Takahashi-Yuji.in. Kaga-Koichi.in.	USPAT; US-PGPUB;	2003/09/26 04:39
1	ì	Toyoda-gosci-co-ltd.as.) and oxynitride) and oxynitride	EPO; JPO; DERWENT; IBM TDB	1
1 -	1	1 ((Takahashi-Yuji.in. Kaga-Koichi.in. Ota-Koichi.in. Ota-Akihito.in.	USPAT; US-PGPUB;	2003/09/26 04:40
1	1	Toyoda-gosei-co-ltd.as.) and oxynitride) and (calcium Ca) near6 (aluminum Al) near6	EPO; JPO; DERWENT;	1
1	-	(silicon Si) near6 (oxygen O) near6 (nitrogen N)	IBM_TDB	1
1 -	ļ	162 (calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6	USPAT; US-PGPUH;	2003/09/26 04:40
I	Ţ	(nitrogen N)	EPO; JPO; DERWENT; IBM TDB	1
! -	1	14 (calcium Ca) near6 (aluminum Al) near6	USPAT;	2003/09/26 04:42
1	1	(silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride	US-PGPUB; EPO; JPO; DERWENT;	
.1			IBM TDB	0000100105 04 45
1	1	7 (calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6	USPAT; US-PGPUB;	2003/09/26 04:45
!		(nitrogen N) same oxynitride and (fluore\$9 phosphor\$9 lumin\$9 cathodolumin\$ fluophor)		1
-	ı	1 (calcium Ca) near6 (aluminum Al) near6 (silicon Si) near6 (oxygen O) near6	USPĀT; US-PGPUB;	2003/09/26 04:46
1	1	(nitrogen N) same oxynitride and (Europium Eu "Eu.sup2+" "Eu.sup.+2")	DERWENT;	
1_	1	3 (calcium Ca) near6 (aluminum Al) near6	IBM_TDB USPĀT;	1 2003/09/27 18:43
I	į.	(silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and activat\$6	US-PGPUB;	
	Ī	(nitrogen N) same oxymitiide and activates	i DERWENT;	<u>.</u>
1_	ļ	5 (calcium Ca) nearl2 (aluminum Al) near6	IBM_TDB USPAT;	2003/09/27 18:46
1	1	(silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride and activat\$6	US-PGPUB; EPO; JPO;	1
!	i	1	DERWENT; IBM TDB	1
1 -	1	4 (calcium Ca) near12 (aluminum Al) near6	USPAT;	2003/09/27 19:05
J.	1	(silicon Si) near6 (oxygen O) near6 (nitrogen N) same oxynitride same (fluor\$8		1
<u>_</u>	1	phosphor\$7 lumin\$7 cathodolumin\$7 fluophor)	DERWENT; IBM_TDB	1 1

ſ		4 (calcium Ca) near12 (aluminum Al) near6	USPAT;	2003/10/02	09:26!
	Ť	(silicon Si) near6 (oxygen O) near6	US-PGPUB;		
1		(nitrogen N) same oxynitride and (fluor\$8	EPO; JPO;	1	1
	1	phosphor\$7 lumin\$7 cathodolumin\$7	DERWENT;	1	
1	1	fluophor) not ((calcium Ca) near12	IBM_TOB		
		(aluminum Al) near6 (silicon Si) near6		1	3
!	1	'(oxygen O) near6 (nitrogen N) same oxynitride same (fluor\$8 phosphor\$7	1	1	12
1		lumin\$7 cathodolumin\$7 fluophor))		1	Ţ.
		1 20020043926.did.	USPAT;	12003/09/27	20:45
1	1	1 1000001332010201	US-PGPUB;	2003/03/21	7,0115
1			EPO; JPO;		
	1		IBM TDB		
1 _	1	1 20020043926.did. and light adj guide	USPAT;	2003/09/27	20:45
	1		US-PGPUB;	1	ļ
1	1		EPO; JPO;	1	
	1		IBM_TDB	1	i
		9 Takashi-Yuji in, Kaga-Koichi in.	US-PGPUB	2003/09/29	19:11 !
	1	Ota-Koichi.in. Ota-Akihito.in.	LUC DOUBLD	1 2002 (00 (20	10.11 1
1 -		1 20020043926.did. and semiconduct\$8.clm.	US-PGPUB US-PGPUB	2003/09/29	
	1	4 (calcium Ca) near12 (aluminum Al) near6	USPAT;	2003/09/29	
		(silicon Si) near6 (oxygen O) near6	US-PGPUB;	1 2003/03/30	17.55
	i	(nitrogen N) same oxynitride with (fluor\$8	EPO; JPO;		,
1		phosphor\$7 lumin\$7 cathodolumin\$7	DERWENT;		
	1	fluophor)	IBM TDB	i	
		2 5998925.pn. 6066861.pn.	USPAT;	2003/09/30	12:39
1			US-PGPUB;		1
	1	Î	EPO; JPO;	İ	1
1			IBM_TDB		
-	1	0 (5998925.pn. 6066861.pn.) and oxynitride	USPAT;	2003/09/30	12:39
1			US-PGPUB;	Î	
			EPO; JPO;		
1 -	1	1534 (252/301.4R).CCLS.	IBM_TDB .USPAT;	2003/09/30	24.27 1
1 -		7334 (232/301.4K).CCLS.	US-PGPUB;	2003/09/30	14:37
			EPO; JPO;		
T			DERWENT;		
	1	Ī	IBM TDB	1	,
-	1	10 ((252/301.4R).CCLS.) and oxynitride	USPAT;	2003/09/30	14:59
1		A contract of the contract of	US-PGPUB;	1	
	1		EPO; JPO;		
1			DERWENT;		-
	1	teal in a contract of the cont	IBM_TDB		
1 -		136 divalent near3 europium and trivalent	USPAT; US-PGPUB;	2003/09/30	14:53
	1	near3 europium and phosphor	EPO; JPO;		
1			DERWENT;	1	i
1	(T	IBM TDB		
	1	1 6290875.pn.	USPAT;	2003/09/30	14:53
1	- 4	- · · · · · · · · · · · · · · · · ·	US-PGPUB;	, 05, 50	:
1	1	1	EPO; JPO;	1	1
			IBM TDB		1
i -	1	1 6290875.pn. and divalent	USPAT;	2003/09/30	14:53
			US-PGPUB;	1	
Ļ	Į.		EPO; JPO;	1	
		4:	IBM_TDB		
1 -	- 1	6 ((252/301.4R).CCLS.) and (SiON Si-O-N)	USPAT;	2003/09/30	15:04
	1		US-PGPUB;		1
1		1	EPO; JPO; DERWENT;	1	1
	1		IBM TDB		4
1_	1	604 (252/301.4f).CCLS.	USPĀT;	2003/09/30	15:04
,			US-PGPUB;	_000,00,00	
1	i i		EPO; JPO;	1	1
1	1		DERWENT;		
12		<u></u>	IBM TDB	1	_ '

· _	1	- 0	("7and (oxynitrideSiON"Si-O-N")").PN.	USPĀT;	2003/09/30	15:04
i	1		•	US-PGPUB;	!	1
1		i		EPO; JPO;	i	
	1			DERWENT;	1	
1	1	. '		IBM_TDB		
_		4	((252/301.4f).CCLS.) and (oxynitride SiON		2003/09/30	15:06
1	- 1		"Si-O-N")	US-PGPUB; EPO; JPO;		1
Î	- 1			DERWENT;	į.	9
	0.0			IBM TOB		
1 -	1	2	luminescent adj oxynitride	USPAT;	2003/09/30	15:12
				US-PGPUB;		T
1	1			EPO; JPO;	1	
1	1			DERWENT;	1	1
				IBM_TDB		1
A-		4	popma near/ august		2003/09/30	15:16
1	1			US-PGPUB;	i	
				EPO; JPO; DERWENT;	1	j
1	- 1			IBM TDB		
		29	sialon near5 (calcium ca)	USPĀT;	2003/09/30	15:17:
1				US-PGPUB;		2011
	1	3		EPO; JPO;	1	
		1		DERWENT;		Ī
1	- 1			IBM_TDB		
	1		sialon near5 (calcium ca) with (phosphor\$9	USPAT;	2003/09/30	15:35
		i	fluophor fluor\$9 lumin\$9 cathodolumin\$9)	US-PGPUB;	1	1
1	1			EPO; JPO;	1	- 1
	1	1		DERWENT; IBM TDB	1	
1 _		1 .	20020043926.did.		2003/09/30	15.31
		٠, ١	200200133.0.024.	US-PGPUB;	2003/03/30	10.51
1				EPO; JPO;		1
	1	1		IBM TDB	1	
' -		8	"Ca.sub."\$6 near12 "Al.sub."\$6 near12	USPĀT;	2003/10/02	09:23 j
1	- 1		"Si.sub."\$6 near12 "O.sub."\$6 near12	US-PGPUB;	i	
	i	3	"N.sub."\$6	EPO; JPO;		1
1				DERWENT;	i	
	1	, 1	("Ca.sub."\$6 near12 "Al.sub."\$6 near12	IBM TDB USPAT;	2003/09/30	17.00
1 ~	1	0 1	"Si.sub."\$6 near12 "O.sub."\$6 near12	US-PGPUB;	2003/09/30	17:08
1		1	"N.sub. "\$6) same (phosphor\$9 fluophor	EPO; JPO;	1	
	1		fluor\$9 lumin\$9 cathodolumin\$9)	DERWENT:	1	i i
1	1	Ĩ		IBM TDB		
-	1	1 i	20020043926.did.		1 2003/09/30	17:08
				US-PGPUB;	1	1
1		1		EPO; JPO;	*	,
i	- 1	1	200220042006 414 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	IBM_TDB		
-	i	1	20020043926.did. and ("Ca" calcium)	USPAT;	2003/09/30	17:08
1				US-PGPUB; EPO; JPO;		!
1	1			IBM TDB	I .	1
	3.	1 !	20020043926.did.	USPAT;	. 2003/10/01	19-13
	1	- 1		US-PGPUB;	1	1
1	- 1			EPO; JPO;	i	1
1	1	I		IBM TDB		
	1	1 1	20020043926.did. and (calcium ca)		2003/10/01	19:14
				US-PGPUB;	i	
1	,	,		EPO; JPO;		
	- 1	, I	20020042026 444	IBM_TDB	2002/10/22	10.11
1		0	20020043926.did. and (calcium ca) and tun\$5	USPAT; US-PGPUB;	2003/10/01	19:14
ı			cunyo	EPO; JPO;	1	
,	- 1	1		IBM TDB	1	1
					4	